

CLUSTAL W (1.83) multiple sequence alignment

SEQIDNO193	(H)	CNLSQTHSLNNRRTLMLMAQMRRISPFSCCLKDRHDFEFPQEEFDGNQFQKAQAISVLHEM	60
SEQIDNO195	(8)	CDLPQTHSLGNRRALILLAQMRRISPFSCCLKDRHDFEFPQEEFDKQFQKAQAISVLHEM	60
SEQIDNO183	(c)	CDLPQTHSLGNRRALILLGQMGRISPFSCCLKDRHDFRIPQEEFDGNQFQKAQAISVLHEM	60
SEQIDNO191	(I)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGLPQEEFDGNQFQKTQAISVLHEM	60
SEQIDNO189	(4)	CDLPQTHSLGNRRALILLAQMGRISHFSCCLKDRHDFGFPEEFDGHQFQKAQAISVLHEM	60
SEQIDNO190	(4b)	CDLPQTHSLGNRRALILLAQMGRISHFSCCLKDRHDFGFPEEFDGHQFQKTQAISVLHEM	60
SEQIDNO192	(J)	CDLPQTHSLRNRALILLAQMGRISPFSCCLKDRHDFRFPQEEFDGHQFQKTQAISVLHEM	60
SEQIDNO194	(F)	CDLPQTHSLGNRRALILLAQMGRISPFSCCLKDRHDFGFPEEFDGNQFQKAQAISVLHEM	60
SEQIDNO232	(con)	CDLPQTHSLGNRRALILLAQMRRISPFSCCLKDRHDFGFPEEFDGNQFQKAQAISVLHEM	60
SEQIDNO182	(2a)	CDLPQTHSLGSRRITLMLLAQMRKISLFSCLKDRHDFGFPEEF-GNQFQKAETIPVLHEM	59
SEQIDNO185	(2c)	CDLPQTHSLGSRRITLMLLAQMRKISLFSCLKDRHDFGFPEEF-GNQFQKAETIPVLHEM	59
SEQIDNO1	(2b)	CDLPQTHSLGSRRITLMLLAQMRKISLFSCLKDRHDFGFPEEF-GNQFQKAETIPVLHEM	59
SEQIDNO188	(6)	CDLPQTHSLGHRRITMMLLAQMRKISLFSCLKDRHDFRFPQEEFDGNQFQKAEAISVLHEV	60
SEQIDNO186	(d)	CDLPETHSLDNRRITLMLLAQMSRISPFSSCLMDRHDFFGFPEEFDGNQFQKAPAVISLHEL	60
SEQIDNO187	(5)	CDLPQTHSLSNRRTLMIMAQMGRISPFSCCLKDRHDFGFPEEFDGNQFQKAQAISVLHEM	60
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[illegible]

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SEQIDNO193      RKYFQRITLYLMEKKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKD 166
SEQIDNO195      RKYFQRITLYLTEKKYSSCAWEVVRAEIMRSFSLINLQKRLKSKE 166
SEQIDNO183      RKYFQRITLYLIERKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKD 166
SEQIDNO191      RKYFQRITLYLTEKKYSPCAWEVVRAEIMRSLSFSTNLQKILRRKD 166
SEQIDNO189      RKYFQRITLYLTEKKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKD 166
SEQIDNO190      RKYFQRITLYLTEKKYSPCAWEVVRAEIMRSLSFSTNLQKRLRRKD 166
SEQIDNO192      RKYFQRITLYLMEKKYSPCAWEVVRAEIMRSFSFSTNLKKGLRRKD 166
SEQIDNO194      KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSLSKI FQERLARKE 166
SEQIDNO232      KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSLSTNLQERLARKE 165
SEQIDNO182      RKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTNLQESLRKE 165
SEQIDNO185      RKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTNLQESLRKE 165
SEQIDNO1        RKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTNLQESLRKE 165
SEQIDNO188      RKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSSSRNQLQERLARKE 166
SEQIDNO_186     KKYFRRTILTYLTEKKYSPCAWEVVRAEIMRSLSLANLQERLARKE 166
SEQIDNO187      RKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSLSANLQERLARKE 166
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[illegible]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Rene Gantier <i>et al.</i>	Art Unit	: 1647
Serial No.	: 10/658,834	Examiner	: Elly Gerald Stoica
Filed	: September 8, 2003	Conf. No.	: 7681
Cust. No.	: 77202		
Title	: RATIONAL EVOLUTION OF CYTOKINES FOR HIGHER STABILITY, THE CYTOKINES AND ENCODING NUCLEIC ACID MOLECULES		

Mail Stop Amendment

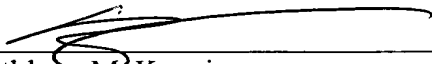
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

VERIFIED STATEMENT CONCERNING SEQUENCE LISTING

I, Kathleen McKenzie, declare that I personally prepared the computer-readable form of the Sequence Listing set forth in the above-entitled patent application and that the content of the Sequence Listing on duplicate compact discs (labeled as Copy 1 REPLACEMENT 06/26/2008 and Copy 2 REPLACEMENT 06/26/2008) and on the computer-readable form (labeled as Computer-readable form REPLACEMENT 06/26/2008) is the same. The computer-readable file on each of the aforementioned compact discs is titled 922SEQ.005.txt.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated in San Diego, California this 26th day of June 2008.


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